## Length word problems (metric)

## Grade 4 Word Problems Worksheet

1. The building of the city hall is 16 m tall. On top of the building, there is a flagpole of 2 m . What is the distance between the top of the flagpole and the ground?
2. Some workers are paving a dirt road. The dirt road is 169 m long and the workers finished paving 105 m of the dirt road. What is the length of the section of the dirt road that is not paved?
3. The average height of a baby giraffe is 180 cm . The average height of a grown giraffe can be 3.2 m taller than a baby giraffe. What is the average height (measured in meter) of a grown giraffe?

4. Katie has 4 pieces of ribbon that is 50 cm long each. How much ribbon does she has in total?
5. Josh is building a fence around the farm. The total length of the fence is 48 m . If he can finish building 8 m of fence in a day, how long will it take him to finish the fence?
6. The distance between the school entrance to the library is 4.5 m and the distance between the school entrance to the school office is 288 cm . Is the school entrance closer to the library or the school office?

## Answers

1. $16+2=18$

The distance between the top of the flagpole and ground is 18 m .
2. $169-105=64$

The section of the dirt road that is not paved yet is 64 m long.
3. $180+320=500$
$500 \mathrm{~cm}=5 \mathrm{~m}$
The average height of a grown giraffe is 5 m .
4. $4 \times 50=200$
$200 \mathrm{~cm}=2 \mathrm{~m}$
She has 2 m of ribbon.
5. $48 \div 8=6$

It will take him 6 days to finish the fence.
6. $288 \mathrm{~cm}=2.88 \mathrm{~m}$

The school entrance is closer to the school office.

